

Yankee Fork Acclimation Update

Josh Jackson

2025 LSRCP Annual Meeting

April 30th, 2025



Yankee Fork Acclimation

Stanley

Sunbeam

Sawtooth Fish Hatchery (~20 miles upstream)

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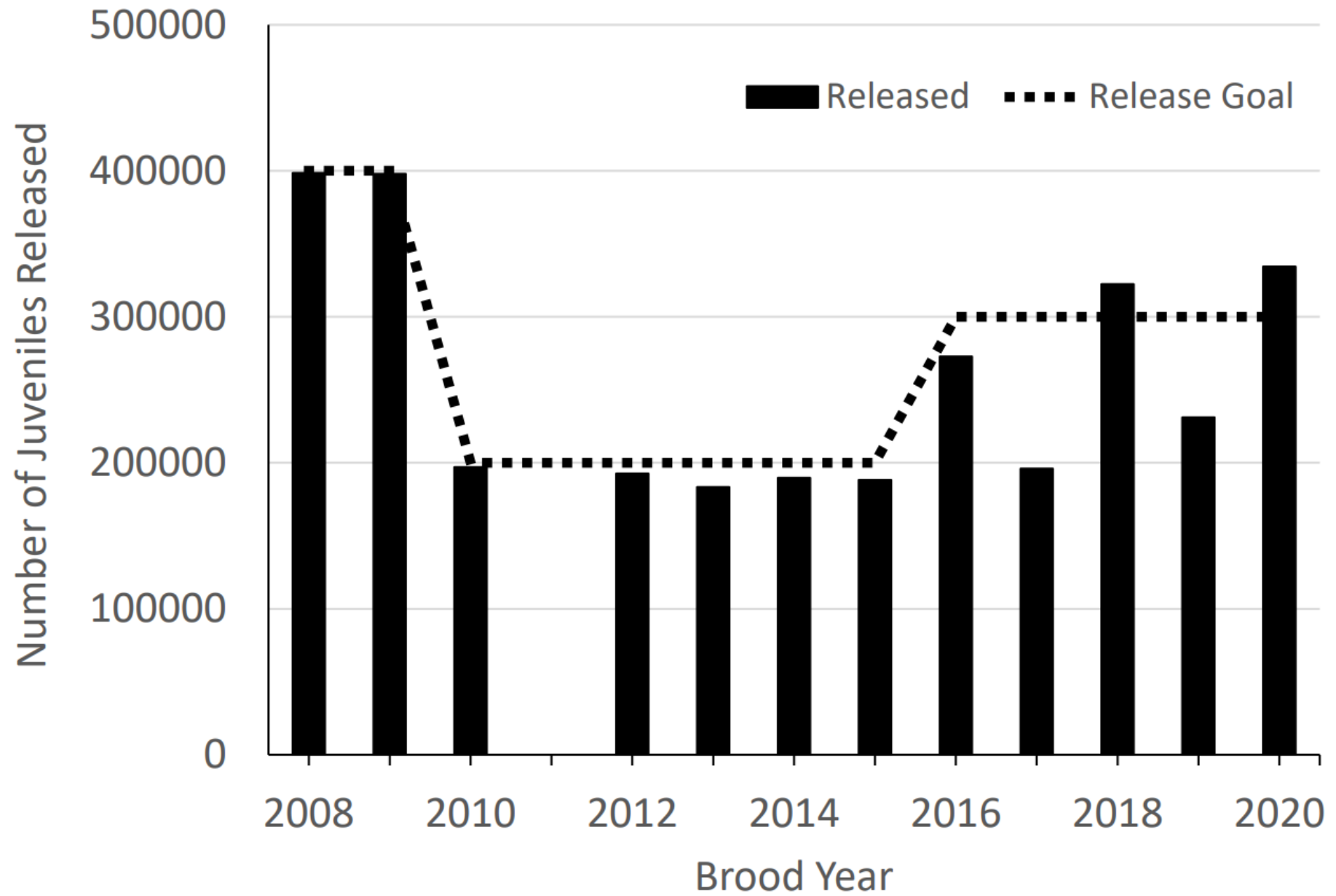
Yankee Fork Agai (Chinook) Objectives

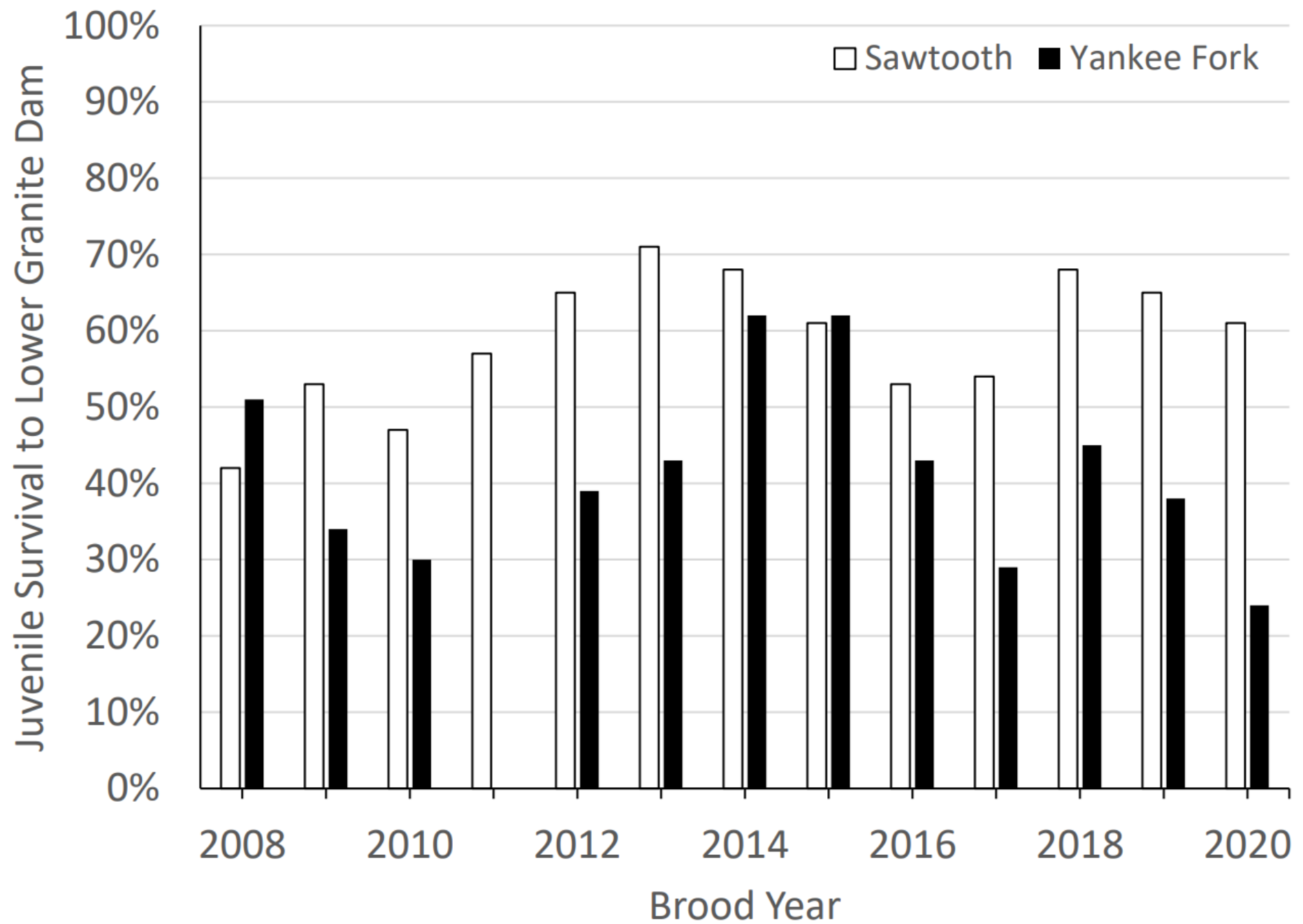
- Cultural

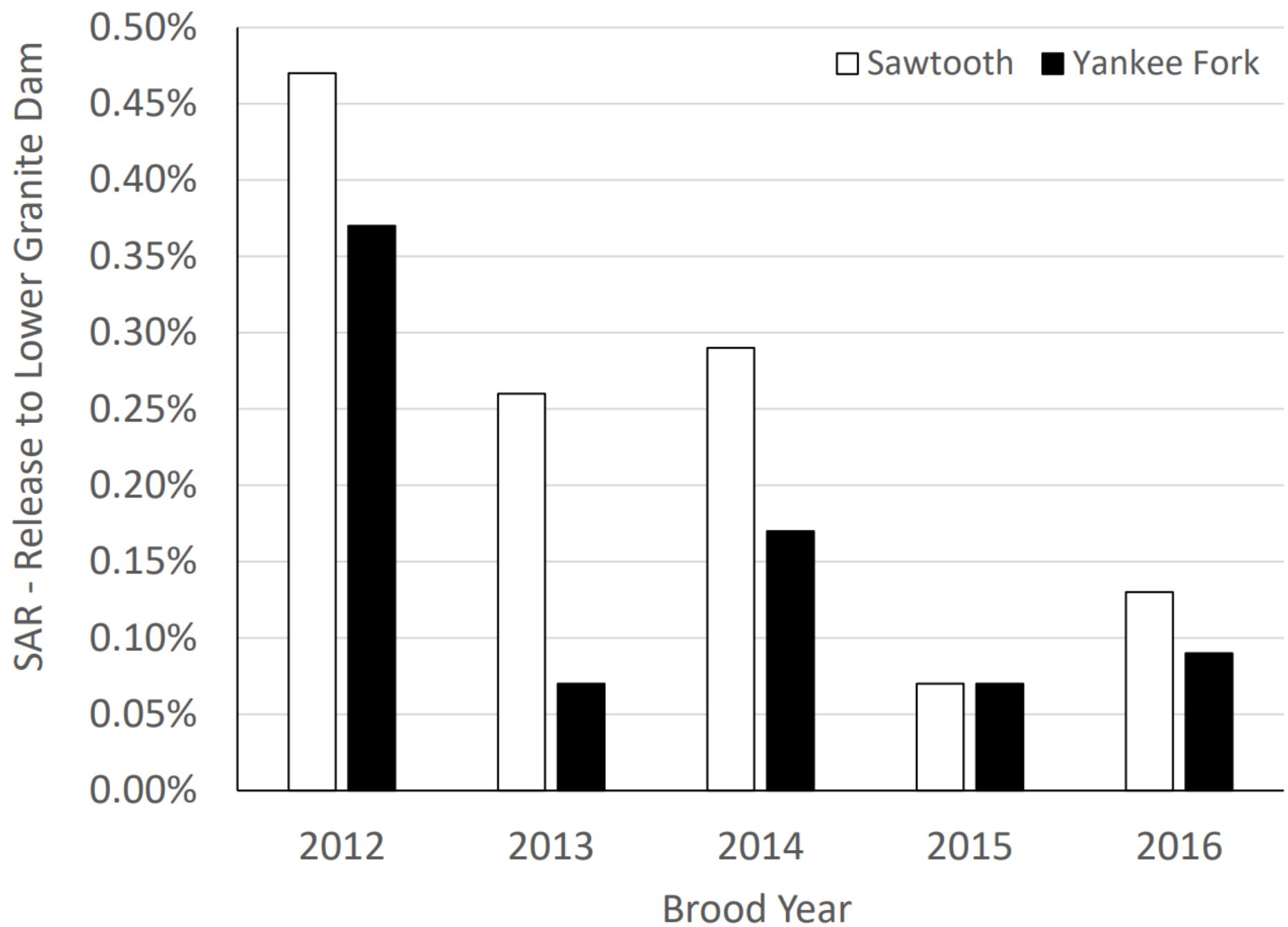
- Reconnect Tribal members to a traditional resource (Chinook), within traditional lands (Yankee Fork), using traditional methods (Spear).
- The Yankee Fork is more than just a stream; it is a representation of perseverance.
 - Columbia & Lower Snake Dams (1933-1975)
 - Dredge mining (1940-1952)
 - State v Tinno (1968)

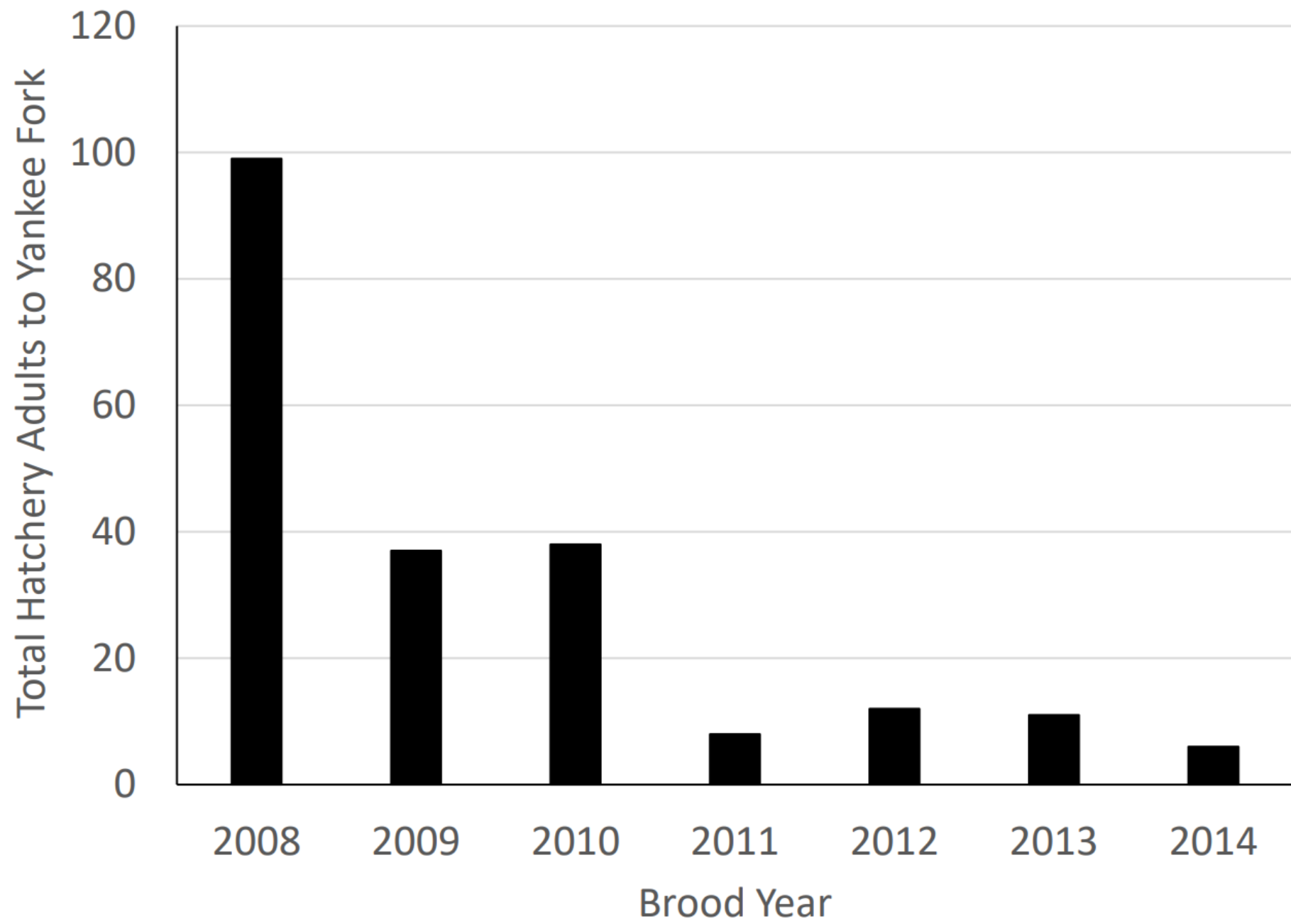
- Conservation

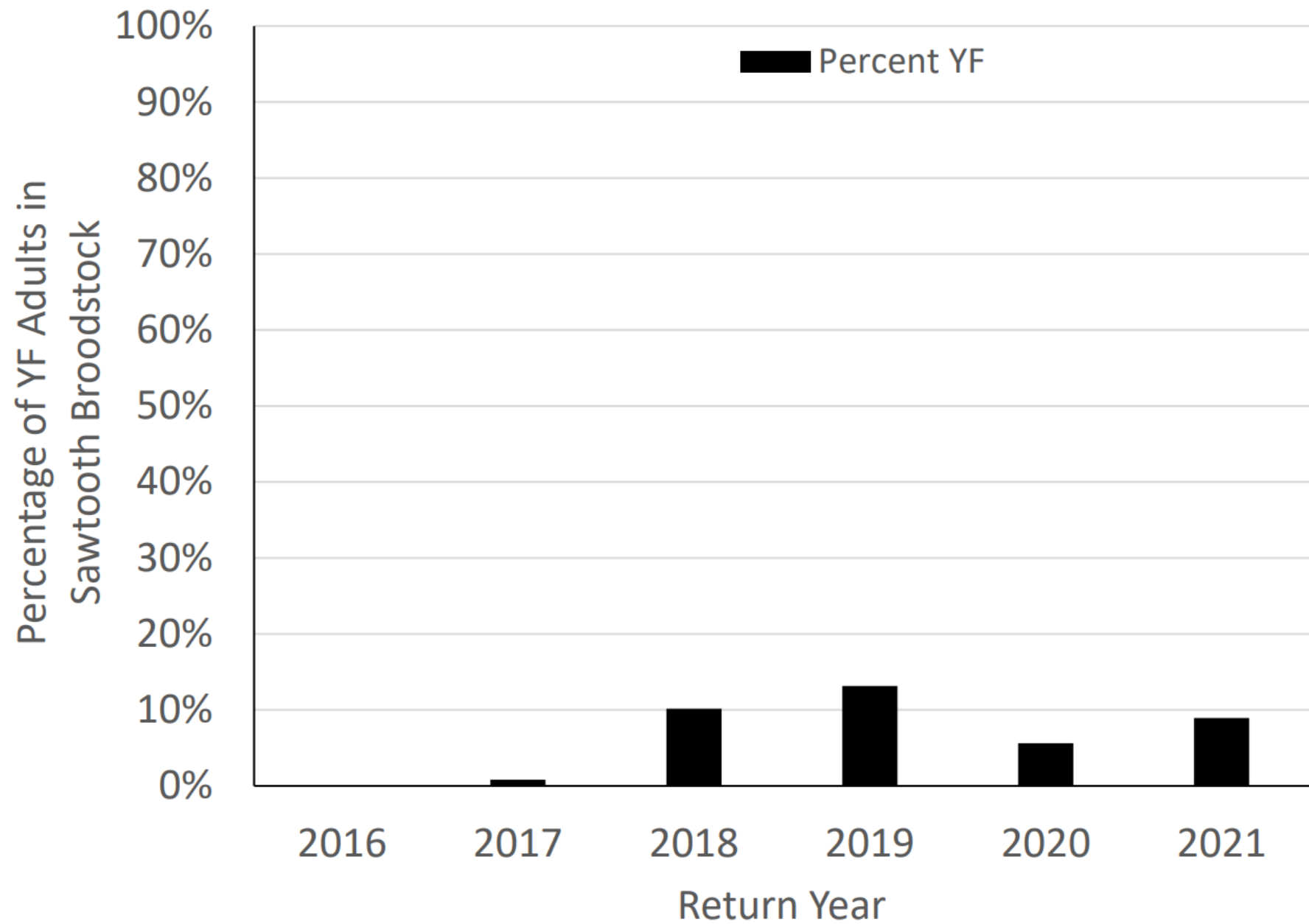
- Assist LSRCP with its adult return mitigation goals while maintaining Tribal perspective through supplementation.













2019 Smolt Study

- Looked at stress physiology, acute mortality, smolt index, precocity, and downstream survival of smolts released into Yankee Fork.
- Data collected Pre-Transport, Post-Transport, 4h, 24hr, 48hr

Smolt Study Key Findings

- No acute mortality
- Homing fidelity: 92% of fish released were already transitioning to smolts on Sawtooth water.
 - 45 males were visually inspected and 18 of them initiated maturation as age-2 mini-jack.

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2019



2022



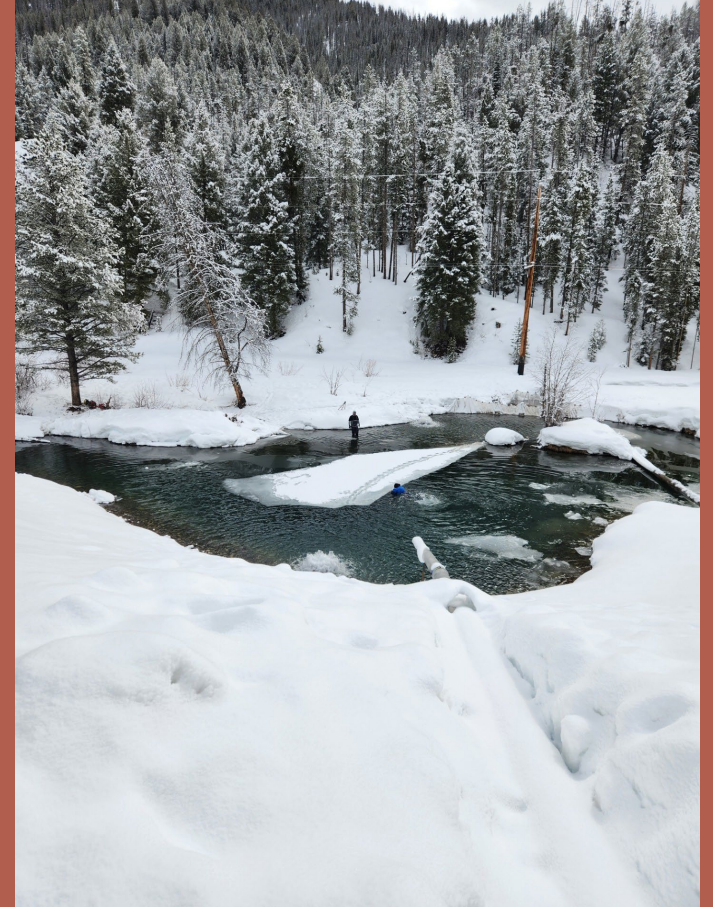
2023



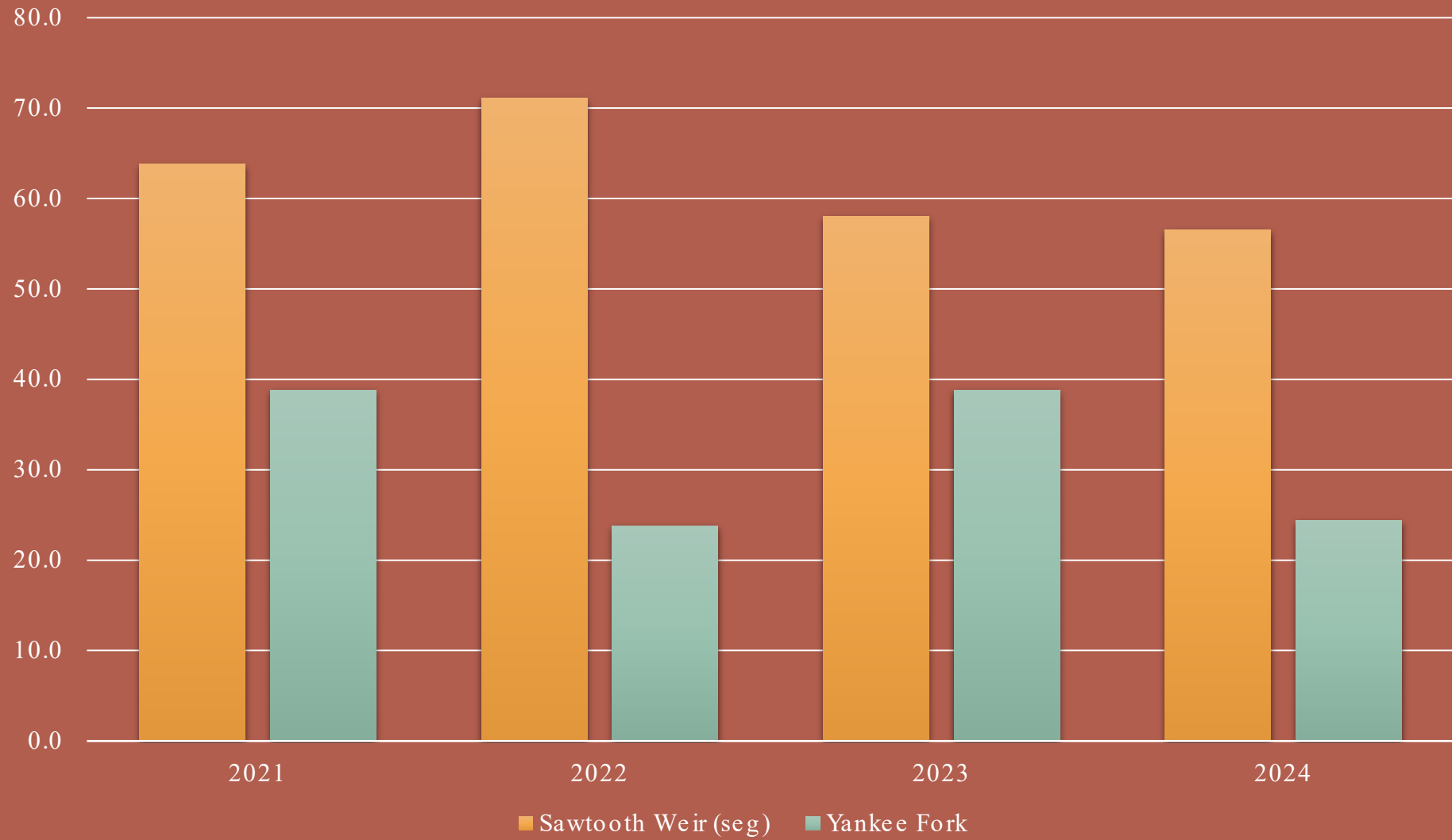
2024



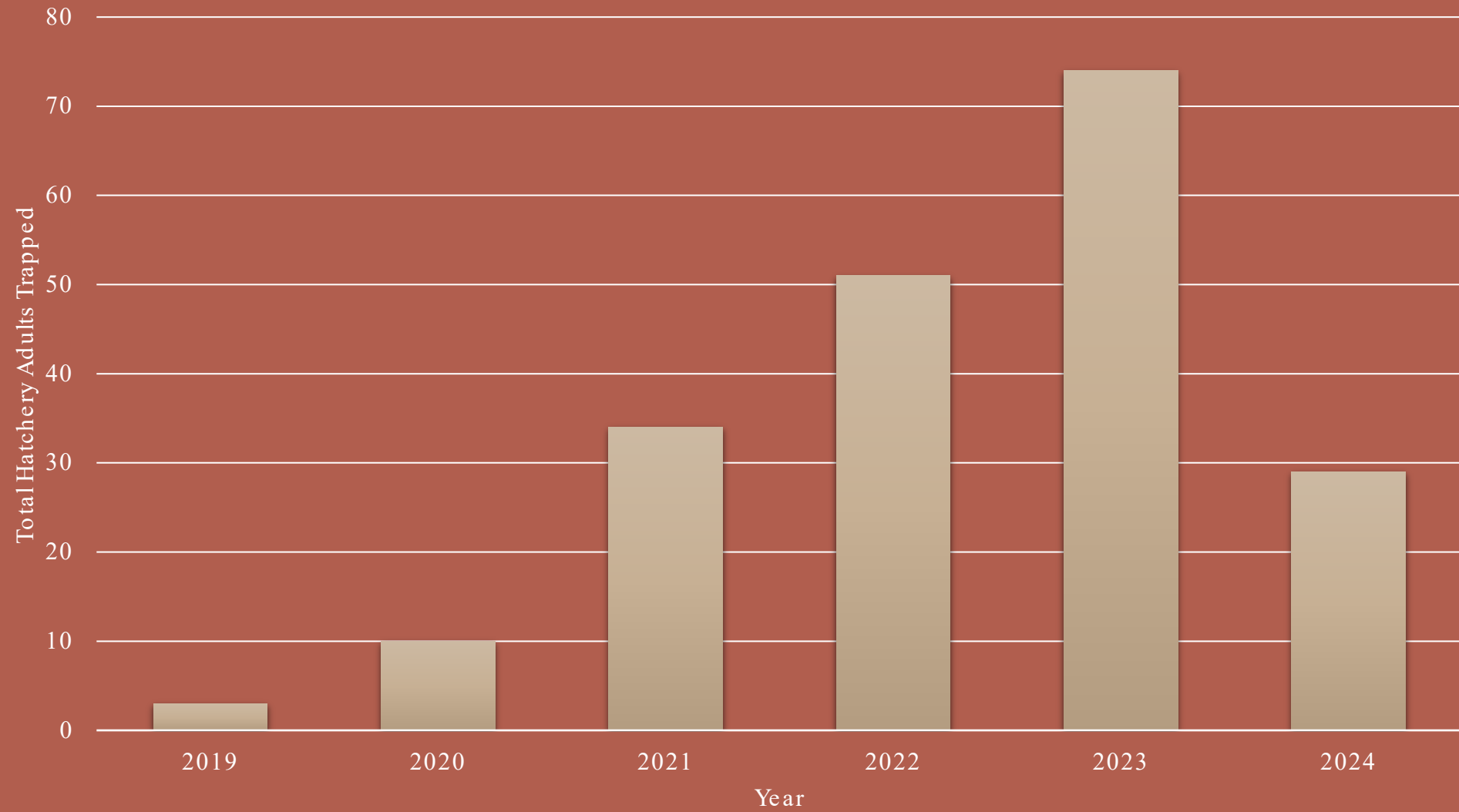
2025

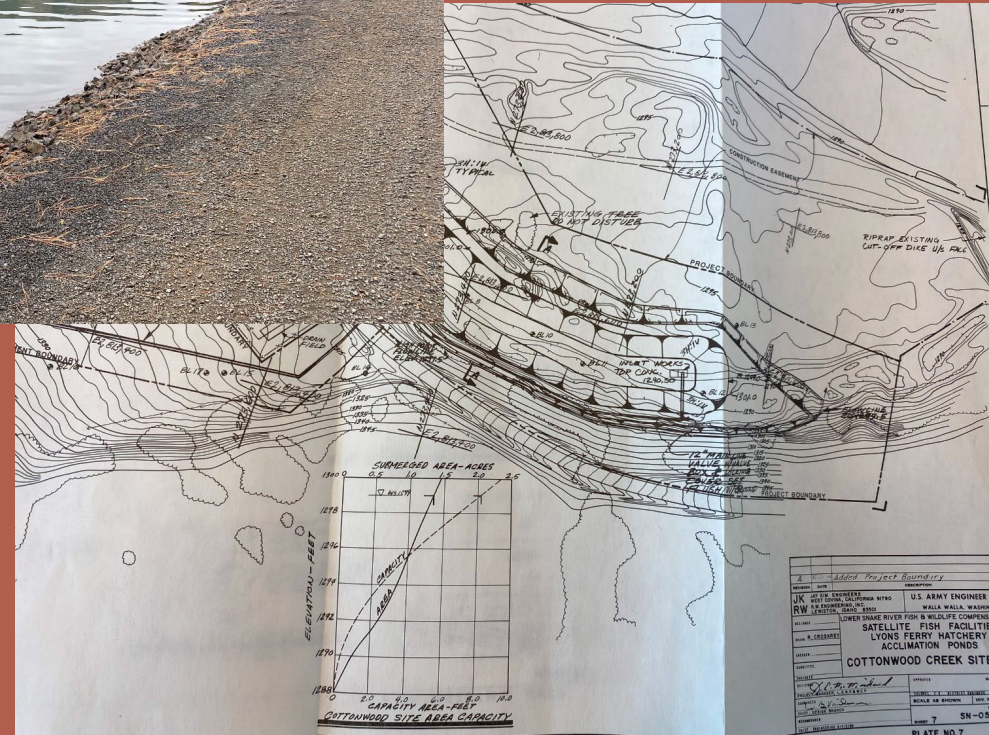


Juvenile Survival To Lower Granite Dam



Hatchery CH Adults Trapped at Yankee Fork











Questions?